

Converting Colors

XYZ(26.5148, 13.4196, 12.5020)

Have a look what the booklet for
XYZ(26.5148, 13.4196, 12.5020)
contains.

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Color

**XYZ(26.5148, 13.4196,
12.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0061
RGB	202, 0, 97
RGB Percent	79%, 0%, 38%
CMY	0.2078, 0.9999, 0.6196
CMYK	0.00, 1.00, 0.52, 0.21
HSL	331°, 100%, 40%
HSV	331°, 100%, 79%
XYZ	26.5148, 13.4196, 12.5020
YIQ	71.4560, 89.2550, 72.9910

Conversions

Conversions Part 2

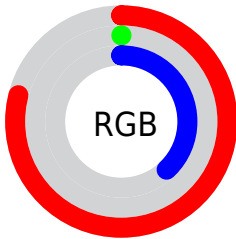
Format	Color
RYB	202, 0, 97
Decimal	13238369
CIELab	43.39, 70.72, 5.19
CIElCh	43, 70.907, 4.194
Yxy	13.4196, 0.5057, 0.2559
Android (android.graphics.Color)	4291428449 (0xFFCA0061)
YUV	71.4560, 12.5932, 114.4871
Hunter-Lab	36.6328, 65.0909, 5.4085

Details

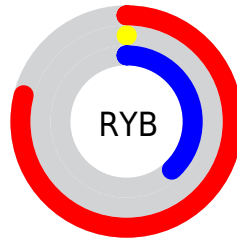
The XYZ color **26.5148, 13.4196, 12.5020** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.6726, 43.2619, 20.4772**, and the grayscale version is **6.0386, 6.3530, 6.9185**.

A 20% lighter version of the original color is **49.9147, 30.1830, 30.7989**, and **11.5820, 5.9017, 3.6607** is the 20% darker color. If you saturate the color by 10%, you get **26.5138, 13.4192, 12.4973**, and if you desaturate by 10%, it is **27.2918, 14.1374, 15.3392**.

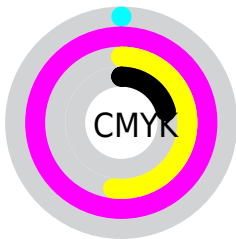
Distribution



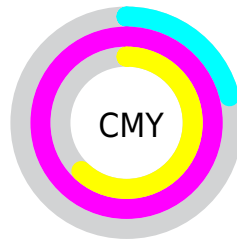
- Red (79%)
- Green (0%)
- Blue (38%)



- Red (79%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (21%)




- Cyan (21%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5148, 13.4196, 12.5020 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.5148, 13.4196, 12.5020 by changing the saturation by 10% instead.


 26.5148, 13.4196,
12.5020


 26.5148, 13.4196,
12.5020


277.5107,
213.5896, 218.7955


 17.3439, 7.7181,
6.9599


 53.5297, 32.0556,
31.0841


 10.5768, 3.9151,
3.3589


 72.1044, 45.7589,
44.9612


 5.8482, 1.6262,
1.2807


 94.5443, 62.8982,
62.4536

 2.7928, 0.3752,
0.0459

 121.2149, 83.8580,
83.9800

 1.0451, 0.0000,
0.0000

 152.4815,
109.0227, 109.9588

 0.0000, 0.0000,
0.0000

 188.7094,

138.7765, 140.8086

230.2640,
173.5041, 176.9480

■ 26.5148, 13.4196,
12.5020

■ 26.5148, 13.4196,
12.5020

■ 26.5138, 13.4192,
12.4973

■ 27.2918, 14.1374,
15.3392

■ 28.4009, 15.4119,
18.6187

■ 29.9362, 17.4273,
22.3831

■ 31.9482, 20.2815,
26.6599

■ 34.4800, 24.0573,
31.4738

■ 37.5695, 28.8274,
36.8471

■ 41.2509, 34.6572,
42.8007

■ 45.5556, 41.6063,
49.3541

■ 50.5127, 49.7301,
56.5258

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.8744, 13.4196, 32.2096



26.5148, 13.4196, 12.5020



23.6839, 13.4196, 3.3300

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5148, 13.4196, 12.5020



7.6774, 13.4196, 1.1393



8.6749, 13.4196, 62.5173

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.5148, 13.4196, 12.5020



23.6726, 43.2619, 20.4772

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5.8432, 13.4196, 39.1720



26.5148, 13.4196, 12.5020



5.3945, 13.4196, 4.9807

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.5148, 13.4196, 12.5020



11.9953, 13.4196, 0.2860



4.8355, 13.4196, 16.9462



13.5460, 13.4196, 70.6069

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.5148, 13.4196, 12.5020



20.0150, 13.4196, 1.2310



4.8355, 13.4196, 16.9462



7.5046, 13.4196, 55.6441

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.5151, 13.4204, 12.5022



69.5551, 58.2182, 72.0149



16.4147, 7.2312, 56.4076



14.2945, 11.5171, 14.4698



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5151, 13.4204, 12.5022



44.7793, 22.6757, 20.5679



24.3942, 12.6305, 1.1533



11.4329, 11.3019, 12.8142



17.1059, 8.6530, 8.2764



0.9208, 0.4617, 0.6286

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.5151, 13.4204, 12.5022



44.7793, 22.6757, 20.5679



31.0004, 44.9430, 62.9180



11.4329, 11.3019, 12.8142



17.1059, 8.6530, 8.2764



0.9208, 0.4617, 0.6286

Previews

White Background



This preview shows how the XYZ color 26.5148, 13.4196, 12.5020 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.5148, 13.4196, 12.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5148, 13.4196, 12.5020

Background



This preview shows how black text looks on a background with the XYZ color 26.5148, 13.4196, 12.5020.



This preview shows how white text looks on a background with the XYZ color 26.5148, 13.4196,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.5148, 13.4196, 12.5020

Protanopia

14.3000, 14.1738, 26.7931

Deuteranopia

14.3420, 14.0936, 11.4156



Tritanopia

24.6286, 13.7331, 3.1864

Trichromacy



Original Color

26.5148, 13.4196, 12.5020

Protanomaly

15.2592, 10.3382, 20.2600

Deuteranomaly

16.3428, 10.9235, 11.3723

Tritanomaly

24.9565, 13.2904, 5.3876

Monochromacy



Original Color

26.5148, 13.4196, 12.5020

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.9941, 6.3779, 8.2937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5148, 13.4196, 12.5020 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 97)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.5148, 13.4196, 12.5020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 0, 97) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 0, 97) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 0, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 97);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.5148, 13.4196, 12.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 97) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202, 0,  
97) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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